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An elementary **processor** architecture with simultaneous instruction issuing from **multiple** ...-

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H Hirata, K Kimura, S Nagamine, Y Mochizuki ... - ACM SIGARCH Computer Architecture News, 1992 - portal.acm.org

... architecture[] used as the base **processor** in a **parallel** ... for a large part of the **processing** time for ... and can easily create many threads(**parallel** processes) to ...

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Ten **reasons** to use divisible load theory

TG Robertazzi - Computer, 2003 - doi.ieeeecomputersociety.org

... While there is no **reason** to believe that the ... with operating systems or data-**parallel** languages such ... Research toward this goal includes **processing** divisible and ...

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Instruction-level **parallel processing**: history, overview, and perspective- ► [illinois.edu](#) [PDF]

BR Rau, JA Fisher - The Journal of Supercomputing, 1993 - Springer

... For various nontechnical **reasons** the 360/91 was ... In the 1960s, research into "**parallel processing**" often was concerned with the ILP found in these **processors**. ...

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The NAS **parallel** benchmarks- ► [psu.edu](#) [PDF]

DH Bailey, E Barszcz, JT Barton, DS ... - International Journal of High Performance Computing ..., 1991 - hpc.sagepub.com

... system will consist of at least 1,000 **processors** comput- ... Highly **parallel** systems with computing power ... ious **reasons**, the performance evaluation of these sys- ...

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Array **processor** with **multiple** broadcasting

VK Prasanna Kumar, CS Raghavendra - Journal of Parallel and Distributed Computing, 1987 - Elsevier

... transfers within rows and columns of **processors**. ... in linear algebra, image **processing**, computational geometry ... We develop **parallel** algorithms for many problems in ...

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[CITATION] Multiprocessors and **parallel processing**

PH Enslow, 1974 - Wiley-Interscience

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[BOOK] Introduction to **parallel processing**: algorithms and architectures

B Parhami, 1999 - books.google.com

... Emergence of **multiple-processor** microchips, along with ... the promise for making **parallel processing** more practical ... is the **reason parallel processing** occupies such ...

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approach

P Dasgupta, ZM Kedem, MO Rabin - INTERNATIONAL CONFERENCE ON DISTRIBUTED ..., 1995 - Citeseer
... can tolerate loss of pieces due to **reasons** that have ... also implement the additional software for pre-**processing** and compiling the **parallel** program to ...
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KC Sevcik - Journal of Performance Evaluation, 1994 - Citeseer
... is the "speedup factor" achievable through **parallel processing**. ... where all available **processors** may not ... an application on **multiple processors** generally exceeds ...
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[PDF] ► **Parallel** genetic algorithm taxonomy

M Nowostawski, R Poli - 3rd International Conference on Knowledge-Based ..., 1999 - Citeseer
... For this **reason** the asynchronous master- slave PGA does ... long time they require for **processing** a generation ... Sometimes coarse grained **parallel** GAs are known as ...
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[PDF] ► Simulation and modeling of a simultaneous multithreading **processor**

DM Tullisen - 22nd Annual Computer Measurement Group ..., 1996 - new.cmg.org
... but insights into the **reasons** behind the ... by multithreaded superscalar **processors**, we chose ... load achieved by multiprogramming rather than **parallel processing**. ...
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A large scale, homogeneous, fully distributed **parallel** machine, I

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... The general block diagram of a **parallel** computer ... For these **reasons** we regard the block diagram of Fig ... also, the support of **multiple processors** requires a high ...
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... a design provides speedup and scaleup in **processing** relational database ... picture of the future of highly **parallel** database machines for two **reasons**. ...
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Multiscalar **processors**- ►psu.edu [PDF]

GS Sohi, SE Breach, TN Vijaykumar - ACM SIGARCH Computer Architecture News, 1995 - portal.acm.org
... be considered as speculative for two **reasons**: (i) control ... The details of the **parallel** execution of what at ... that distributes tasks en masse to **processing** units. ...
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Fault-tolerance considerations in large, **multiple-processor** systems

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Real time radiosity through **parallel processing** and hardware acceleration

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... the remaining operations which include **processing** the item ... d the hemi-cube item-buffers in **parallel** on the ... this would have been inefficient for several **reasons**. ...

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... of this simulation are vector **processing** (for fluid ... that supports common **parallel**
programming paradigms. ... primarily for portability **reasons** — most multiproces ...
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